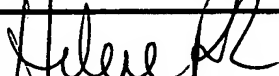




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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   | <i>Application Number</i>     | 10/689,903       |
|  |   | <i>Filing Date</i>            | October 21, 2003 |
|  |   | <i>First Named Inventor</i>   | Adam J. Weissman |
|  |   | <i>Art Unit</i>               | 2171             |
|  |   | <i>Examiner Name</i>          | Unknown          |
| (Use as many sheets as necessary)                        |   | <i>Attorney Docket Number</i> | 53051/288072     |
| Sheet  | 2 | of                            | 2                |

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| JR                              | 4                        | LIN, Shian-Hua et al. "Discovering Informative Content Blocks from Web Documents, Proceedings of the ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, July 23, 2002 - July 26, 2002, pgs. 588-593, Edmonton, Alberta Canada.         |                |
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| Examiner<br>Signature |  | Date<br>Considered | 6/9/06 |
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|   |   | Art Unit                 | 2171             |                        |              |
|   |   | Examiner Name            | Unknown          |                        |              |
| Sheet   | 1 | of                       | 2                | Attorney Docket Number | 53051/288072 |

| U.S. PATENT DOCUMENTS             |                          |  |                                |  |   |
|-----------------------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials <sup>1</sup> | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                                   |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
| HJR                               | 1                        | US-5,404,508                               | 4/4/1995                       | Hiromichi Fujisawa, et al.                         |   |
|                                   |                          | US-  |                                |  |   |
|                                   |                          | US-  |                                |  |   |
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| FOREIGN PATENT DOCUMENTS          |                          |   |                                   |   |  |                |
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|                                   | 2                        | International Preliminary Report on<br>Patentability                                | 1/30/2006                         | Google Inc.   |  |                |
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|   |   | First Named Inventor     | Adam J. Weissman |
|   |   | Art Unit                 | 2171             |
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| HRL                             | 3                        | KERSCHBERG, et al. "A Semantic Taxonomy-Based Personalizable Meta-Search Agent," Conference Proceedings Article, vol. 1. 3 December 2001,   |                |
| HRL                             | 4                        | VOSS, et al., "Concepts as Knowledge Handles in Collaborative Document Management," Enabling Technologies: Infrastructure for Collaborative Enterprises, 1999.  |                |
| HRL                             | 5                        | APTED, et al., "Visualisation of Ontological Inferences for User Control of Personal Web Agents," Proceedings of the Seventh International Conference on Information Visualization (IV '03)   |                |
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|------------------------|------------------|
| Application Number     | 10/689,903       |
| Filing Date            | October 21, 2003 |
| First Named Inventor   | Weissman et al.  |
| Art Unit               | 2171             |
| Examiner Name          | Unknown          |
| Attorney Docket Number | 53051/288072     |

**U.S. PATENT DOCUMENTS**

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|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
| HRP                | 1                     | US- 6,453,315                              | 09-2002                        | Weissman et al.                                    |   |
|                    | 2                     | US- 6,421,675                              | 07-2002                        | Ryan et al.  |   |
|                    | 3                     | US- 6,324,519                              | 11-2001                        | Eldering   |   |
|                    | 4                     | US- 6,314,419                              | 11-2001                        | Faisal   |   |
|                    | 5                     | US- 6,298,348                              | 10-2001                        | Eldering   |   |
|                    | 6                     | US- 6,289,353                              | 09-2001                        | Hazlehurst et al.                                  |   |
|                    | 7                     | US- 6,289,342                              | 09-2001                        | Lawrence   |   |
|                    | 8                     | US- 6,289,381                              | 07-2001                        | Davis et al.                                       |   |
|                    | 9                     | US- 6,134,532                              | 10-2000                        | Lazarus et al.                                     |   |
|                    | 10                    | US- 6,119,164                              | 09-2000                        | Basche   |   |
|                    | 11                    | US- 6,067,552                              | 05-2000                        | Yu   |   |
|                    | 12                    | US- 6,044,375                              | 03-2000                        | Shmueli et al.                                     |   |
|                    | 13                    | US- 5,933,822                              | 08-1999                        | Braden-Harder et al.                               |   |
|                    | 14                    | US- 5,845,278                              | 12-1998                        | Kirsch et al.                                      |   |
|                    | 15                    | US- 5,778,364                              | 07-1998                        | Nelson   |   |
|                    | 16                    | US- 5,778,363                              | 07-1998                        | Light  |   |
|                    | 17                    | US- 5,619,709                              | 04-1997                        | Cald et al.  |   |
|                    | 18                    | US- 5,499,360                              | 03-1996                        | Barbara et al.                                     |   |
|                    | 19                    | US- 5,325,298                              | 09-1994                        | Gallant  |   |
|                    | 20                    | US- 4,839,853                              | 06-1989                        | Deerwester et al.                                  |   |
|                    | 21                    | US- Application 09/493,701                 | 01-28-2000                     | Weissman, et al.                                   |   |
|                    | 22                    | US 2002/0099700                            | 07/25/2002                     | Li   |   |
|                    | 23                    | US 2002/0165849                            | 11/07/2002                     | Singh et al.                                       |   |
|                    | 24                    | US 2003/0126235                            | 07/03/2003                     | Chandrasekar et al.                                |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
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| HRP                | 25                    | WO 00/79438   | 12/28/2000                     | Simpli.Com et al.                                     |  |                |
| HRP                | 26                    | EP 1160886  | 12/05/2001                     | Godado.Com Ltd.                                       |  |                |
|                    |                       |   |                                |   |  |                |
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| HRR                             | 27                    | "Applied Semantics Launches Contextual Targeting Pay-For-Performance Ad Serving Solution", Applied Semantics - Press Release, Oct. 21, 2002, pp. 1-2, <a href="http://www.appliedsemantics.com/ne/ne_pr_102102.html">http://www.appliedsemantics.com/ne/ne_pr_102102.html</a> |                |
| HRR                             | 28                    | "Applied Semantics Launches News Series to Power Publishing", Applied Semantics, Inc. - Press Release, August 13, 2002, pp. 1-2, <a href="http://www.appliedsemantics.com/ne/ne_pr_081302.html">http://www.appliedsemantics.com/ne/ne_pr_081302.html</a>                      |                |
| HRR                             | 29                    | "Applied Semantics News Series," pp. 1-4, brochure, no date.  |                |
| HRR                             | 30                    | Chi et al. "Context Query in Information Retrieval", Proceedings of the 14 <sup>th</sup> IEEE International Conference on Tools with Artificial Intelligence, IEEE Comp. Soc. Vol. Conf. 14, November 2002, pgs. 101-108.   |                |
| HRR                             | 31                    | "CIRCA Technology Overview," Applied Semantics White Paper, July 2001, pp. 1-10.  |                |
| HRR                             | 32                    | "CONVERA - Products: RetrievalWare," printed 10/30/2003, <a href="http://www.convera.com/products/rw_precisions.asp">http://www.convera.com/products/rw_precisions.asp</a>  |                |
| HRR                             | 33                    | FELLBAUM, C., ed. "WordNet: An Electronic Lexical Database", Cambridge: The MIT Press, March 1998, pp. 117-127, 285-303. P325.5.D38W67 1998.  |                |
| HRR                             | 34                    | GELLER, M., "Quigo Signs Deal with Overture", <i>MediaDailyNews</i> , 08-13-2003, pp. 1-3, <a href="http://www.mediapost.com/d/lls_dsp_news.cfm?newsID=215196">http://www.mediapost.com/d/lls_dsp_news.cfm?newsID=215196</a>  |                |
| HRR                             | 35                    | KOLL, M.B., "Information Retrieval Theory and Design Based on a Model of the User's Concept Relations", Proceedings of the 3 <sup>rd</sup> Annual ACM Conference on Research and Development in Information Retrieval, 1980, pp. 77-93.                                       |                |
| HRR                             | 36                    | "Ontology Usage and Applications", Applied Semantics Technical White Paper, July 2001, pp. 1-15.  |                |
| HRR                             | 37                    | "Powerful Revenue Solutions for Online Publishers", Applied Semantics AdSense, pp. 1-2, brochure, no date.  |                |
| HRR                             | 38                    | TENGL, R.I., "Design and Implementation of the WordNet Lexical Database and Searching Software", in <i>WordNet: An Electronic Lexical Database</i> , Fellbaum C. ed., Cambridge: The MIT Press, March 1998, pp. 105-127.  |                |
| HRR                             | 39                    | "Verity Introduces Customizable Industry and Enterprise Taxonomies", Verity, 11/17/2003, pp. 1-2.   |                |
| HRR                             | 40                    | VOORHEES, E.M., "Query Expansion Using Lexical-Semantic Relations", Proceedings of the 17 <sup>th</sup> Annual ACM Conference on Research and Development in Information Retrieval, August 1994, pp.61-69.  |                |

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